

Application No.: 10/536,860

2

Docket No.: 65831(47992))

What is claimed is:

1. (Currently Amended) A method comprising: incubating a mixture comprising at least one cell, a labeled invasin that encodes a detectable label, wherein the labeled invasin is a virus, and a candidate agent under conditions wherein the labeled invasin can invade the cell; and detecting the detectable label within the cell, wherein ~~an increase or~~ a decrease of detectable label in the cell due to the candidate agent indicates that the candidate agent ~~modulates~~ decreases invasion of the cell by the invasin.
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Currently Amended) The method of claim 14, wherein the virus is an enveloped virus.
6. (Cancelled)
7. (Original) The method of claim 5, wherein the enveloped virus is vaccinia virus.
8. – 11. (Cancelled)
12. (Original) The method of claim 1, wherein the detectable label is a fluorescent protein.
13. (Original) The method of claim 1, wherein the detectable label is an enzyme.
14. (Currently Amended) The method of claim 1, wherein the candidate agent is ~~a peptide, a compound, a monoclonal antibody, a polyclonal antibody, or an altered antibody, or an enzyme.~~

BOS2 692256.1

Application No.: 10/536,860

3

Docket No.: 65831(47992))

15. (Original) The method of claim 1, wherein the candidate agent associates with the labeled invasin.

16. (Cancelled)

17. (Original) The method of claim 1, wherein the cell is a mammalian cell.

18. (Original) The method of claim 17, wherein the cell is a human cell.

19. (Cancelled)

20. (Cancelled)

21. (Original) The method of claim 18, wherein the cell is selected from the group consisting of a lymphoid cell, a pulmonary cell, and an intestinal cell.

22 – 129. (Cancelled)

BOS2 692256.1